

551-88K-2507
Conduct Class B Vessel Docking Operations
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Transportation school Fort Lee VA foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: Given an Operation Order/Operations Plan (OPORD/OPLAN), an operational vessel with crew, complete risk assessment, AR 56-9, Dutton's Navigation and Piloting, Pub No. 9, and TC 4-15.51, day or night, in any weather conditions, in an operational environment scenario. Some iterations of this task should be performed in MOPP 4.

Standards: Conduct docking operations that require you to correctly dock and undock a class B vessel in port, IAW TC 4-15.51 and without injury to personnel or damage to vessel.

Special Conditions: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

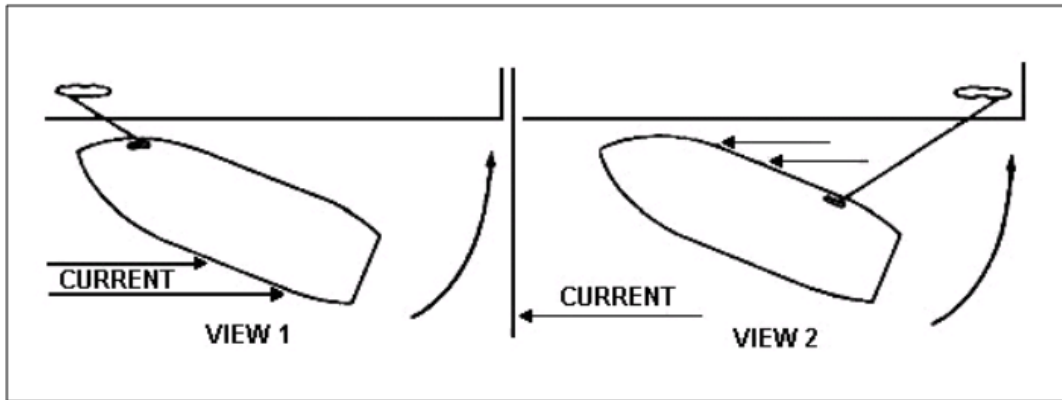


Figure 4-14
Making Use of the Current

Performance Steps

1. Conduct undocking of a vessel
 - a. Monitor the safety of the deck personnel.
 - b. Ensure the deck personnel's wear the proper gear.
 - c. Ensure deck personnel's report to their duty station.
 - d. Directs deck personnel's handling mooring lines to untie the vessel from the pier.
 - e. Ensure mooring lines are properly stowed after untying the vessel to the pier.
 - f. Ensure the vessel is secured for sea before getting underway.
2. Identify critical factors affecting the maneuverability of the vessel.
 - a. Identify current velocity and direction.
 - b. Identify height of tide.
 - c. Identify wind velocity and direction.
 - d. Identify sea condition.
3. Brief deck personnel on docking intentions.
 - a. Set sea and anchor detail.
 - b. Ensure the deck personnel are wearing proper PPE (Personal Protective Equipment).
4. Ensure deck personnel report to their duty station.
5. Ensure good communications are made with each station and the bridge.
6. Ensure mooring lines, heaving lines and fenders are made ready before mooring.
 - a. Ensure storm lines are out fore and aft and additional breast lines are set if heavy winds are forecast (less than 50 knots).
 - b. Ensure adequate fenders are utilized during high winds.
7. Dock Class B vessel alongside pier or wharf.

- a. Determine space available for docking.
 - b. Position the vessel to make best possible approach to pier or wharf.
 - c. Engage engines to pin vessel to pier.
 - d. Direct crew members to secure the mooring lines to the pier or wharf.
8. Direct deck personnel handling mooring lines where to secure their line to the pier.
9. Ensure mooring lines are secure enough to keep the vessel in the intended position.
- a. Ensure deck personnel utilize the capstan or windlas to attain the desired strain on the line.
 - b. Ensure deck personnel continuously monitor line to account for the rise and fall of the tide.
10. Ensure mooring lines are properly stowed or faked after securing the vessel to the pier.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all steps are passed. Score the Soldier NO-GO if any step is failed. If the Soldier fails any step, show what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure that all information, references and equipment required to perform the task are available. Use the TC and the evaluation guide to score the Soldier's performance. Brief the Soldier. Tell the Soldier what is required IAW the task condition and standard.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Conducted undocking of a vessel.			
2. Identified critical factors affecting the maneuverability of the vessel.			
3. Briefed deck personnel on docking intentions.			
4. Ensured deck personnel report to their duty station.			
5. Ensured good communications are made with each station and the bridge.			
6. Ensured mooring lines, heaving lines and fenders are made ready before mooring.			
7. Docked Class B vessel alongside pier or wharf.			
8. Directed deck personnel handling mooring lines where to secure their line to the pier.			
9. Ensured mooring lines are secure enough to keep the vessel in the intended position.			
10. Ensured mooring lines are properly stowed or faked after securing the vessel to the pier.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 56-9	Watercraft	Yes	No
	DUTTON	DUTTON'S NAVIGATION AND PILOTING 14th EDITION	Yes	No
	TC 4-15.51	Marine Crewman's Handbook	Yes	Yes

TADSS : None

Equipment Items (LIN):

LIN	Name
L36739	Landing Craft Mechanized: 69 FT
L36654	Landing Craft Mechanized: MOD2

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
	1905-00-935-6057	L36739	Landing Craft, Mechanized	1
	1925-01-435-1713	T68398	Tug Small 900 Class	1

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. It is the responsibility of all Soldiers and DA civilians to protect the environment from damage. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel and Facilities (DOTMLPF) and ensure all training procedures; materials and doctrine include sound environmental practices and considerations. The Army's environmental vision is to be a national leader in an environmental and natural resource stewardship for present and future generations as an integral part of all Army missions.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. In a training environment, leaders must perform risk management in accordance with ATP 5-19, Risk Management. Leaders will complete a DD Form 2977 DELIBERATE RISK ASSESSMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC), as well as any other variables.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task. (a) Take personal responsibility. (b) Practice safe operations. (c) Recognize unsafe acts and conditions. (d) Take action to prevent accidents. (e) Report unsafe acts and conditions.

No food or drink is allowed near or around electrical equipment (CPU, file servers, printers, projectors, etc.) due to possible electrical shock or damage to equipment. Exercise care in personal movement in and through such areas. Avoid all electrical cords and associated wiring. In event of electrical storm, you will be instructed to power down equipment.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-1201	Record Entries in Vessel Logs Onboard Class A & B Vessels	551 - Transportation (Individual)	Approved
551-88K-1505	Conduct Line Handling Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-1510	Prepare a vessel For Harbor Tub Operations	551 - Transportation (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-2504	Conduct Operation of Deck Equipment Onboard a Class B Vessel	551 - Transportation (Individual)	Superseded
551-88K-2702	Perform Visual Communication Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-1703	Operate Bridge to Bridge (VHF) Radio Onboard a Vessel	551 - Transportation (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
K-551-V-0041	Knowledge of vessel characteristics
K-551-P-0006	Knowledge of proper signaling procedures
K-551-H-0227	Knowledge of all safety precautions

551-K-1068	Know port operations
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Skills :

Skill ID	Skill Name
S-551-P-0092	Ability to comply with safety rules
S-551-P-0004	Ability to operate handheld VHF/FM radio
S4982	Ability to Communicate
093-S-0018	Ability to understand and comply with federal regulations